

MVP12, 8XM12, 5POLE, PLUGGABLE CABLE

15.0m PUR/PVC 16x0,34+5x0,75

Art.No.: 27084

Weight: 3,506 kg

Country of origin: CZ

Model designation: MVM8-UHA15.0-MP

Further cable lengths on request.

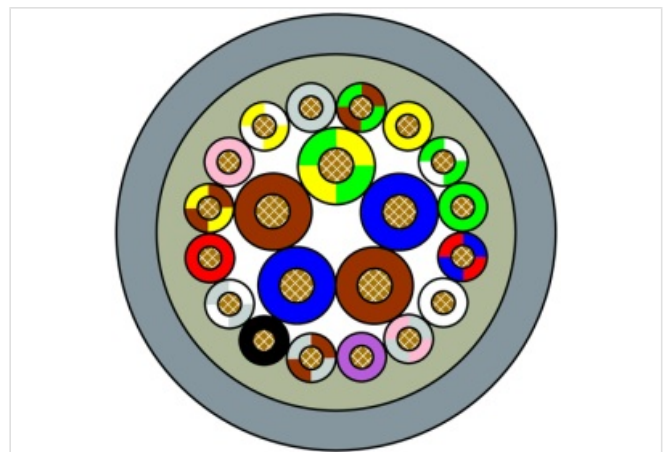
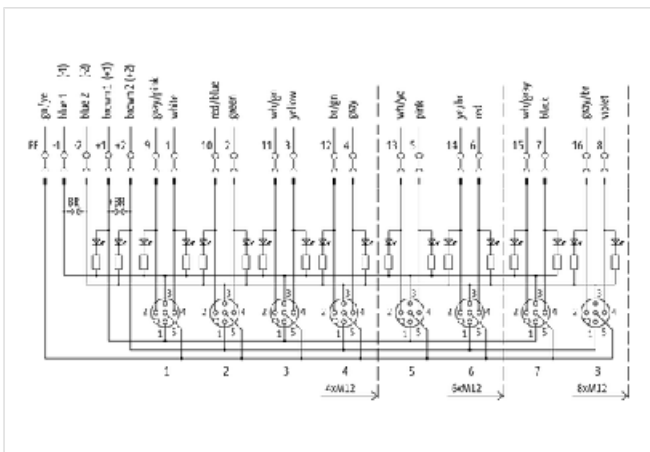
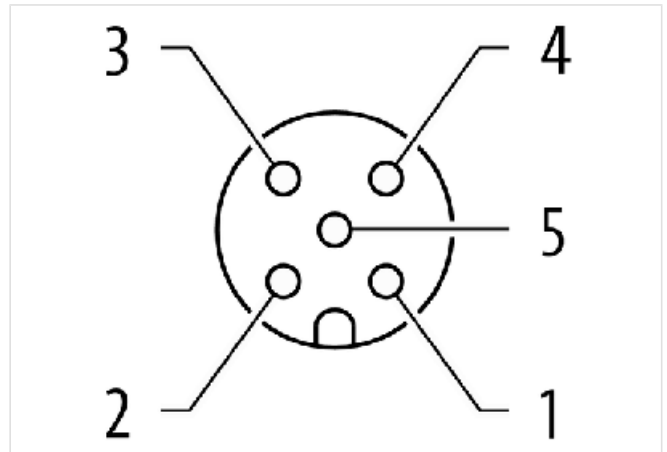
Plastic housings with good resistance against chemicals and oils.

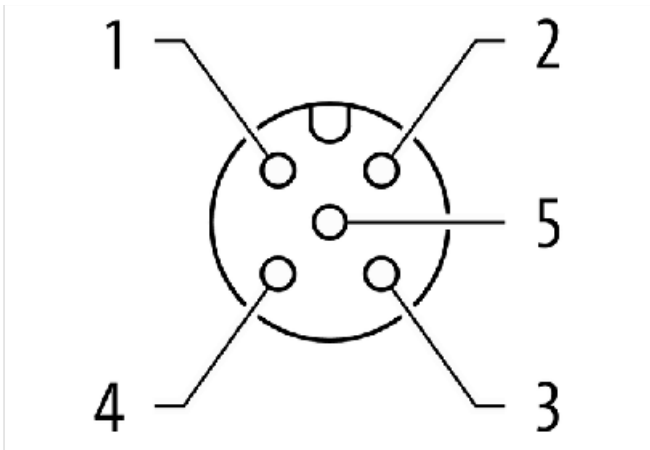
The resistance to aggressive media should be individually tested for your application. Further details on request.

with LED for digital PNP-signals 24 V DC

Link to Product

Illustration





Product may differ from Image



Commercial data

URL Webshop	https://shop.murrelektronik.com/27084
GTIN	4048879064200
ECLASS-6.0	27279219
ECLASS-6.1	27279219
ECLASS-7.0	27279219
ECLASS-7.1	27279219
ECLASS-8.0	27279219
ECLASS-8.1	27279219
ECLASS-9.0	27440108
ECLASS-9.1	27440108
ECLASS-10.0.1	27440108
ECLASS-10.1	27440108
ECLASS-11.0	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ECLASS-13.0	27440108
ECLASS-14.0	27440108
ETIM-5.0	EC002585
ETIM-6.0	EC002585
ETIM-7.0	EC002585
ETIM-8.0	EC002585
customs tariff number	85444290
EAN	4048879064200
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Current operating per contact max.	4 A
Total current at 1 time current feed-in max.	8 A
Total current at 2 times current feed-in max.	16 A

Industrial Communication

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-03-12

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Number of signals per port 2

Installation | Connection

Tightening torque 0,6 Nm
Mounting set M12 x 1

Device protection | Electrical

Degree of protection (EN IEC 60529) IP67, IP65
Additional condition protection degree inserted, screwed

Device protection | Media

Flame resistance flame retardant

Mechanical data | Material data

Material housing PBT

Mechanical data | Mounting data

Height 150 mm
Width 50,2 mm
Depth 17 mm
Mounting method Schraubgewinde, screwed, Shaking protection

Environmental characteristics | Climatic

Operating temperature min. -20 °C
Operating temperature max. 80 °C
Additional condition temperature range depending on cable quality

Installation | Cable

Cable identification	404
Cable Type	2
Function cable	Hybrid, Signal, Power
Stranding	1 × 5 wires around core filler twisted
Stranding (type 2)	1 × 16 wires stranded around stranding combination
Filler	Yes
Wire arrangement	(brown 2, green-yellow, blue 1, brown 1, blue 2), brown-yellow, pink, yellow-white, gray, brown-green, yellow, green-white, green, red-blue, white, gray-pink, violet, brown-gray, black, gray-white, red
Cable weight	234,43 g/m
Material wire insulation	PVC
Amount wires	16
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	55 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (type 2)	PVC
Outer diameter wire insulation (type 2)	1,8 mm
Tolerance outer diameter wire insulation (type 2)	± 0,1 mm
Shore hardness wire insulation (type 2)	43 5 Shore D
Material properties wire insulation (type 2)	good machinability
Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, silicone-free
Amount wires (type 2)	5
Amount strands wire (type 2)	42
Diameter of single wires (type 2)	0,15 mm

Conductor crosssection wire (type 2)	0,75 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Wire conductor type (type 2)	strand class 6
Electrical function wire (type 2)	Power
Printing colour wire insulation (type 3)	white (isolation blue), white (isolation brown)
Outer-diameter (jacket)	12,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	87 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Material inner jacket	PVC
Color (inner jacket)	gray
Conductor resistance (wire)	57 Ω/km @ 20 °C
Conductor resistance (wire type 2)	26 Ω/km @ 20 °C
Max. rated voltage (conductor - ground)	300 V
Max. rated voltage (conductor - conductor)	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4 A
Current load capacity max. Wire (type 2)	9 A
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Operating temperature min. (drag chain)	-5 °C
Operating temperature max. (drag chain)	60 °C
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	2 m/s @ 25 °C
Acceleration (C-track)	10 m/s ² @ 25 °C

Connection type 2

Family construction form	free cable end
No. of poles	21
Color contact carrier	gray
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO S 1
PIN 5	PE